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Appl. No.: 10/505,390
Amendment dated October 3, 2007
Response to Final Office Action of June 5, 2007

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A method of processing data; encrypted according to an encryption method specific to a first domain such that the data cannot be decrypted without ~~the aid of~~ using a first secret specific to said first domain, said data being received in a presentation device connected to a network belonging to a second domain, ~~wherein the method comprises the steps of the method comprising:~~

(a) transmitting at least a portion of said encrypted data to a processing device connected to the network at least a portion of said encrypted data;

(b) receiving, in said presentation device, processed data from said processing device, at least one element of said processed data being used by said presentation device to decrypt said received data with the aid of using a second secret specific to said second domain, said second secret being contained in the presentation device; wherein

the data received in the presentation device are encrypted using a first symmetric key, said first symmetric key being received with said data in a form encrypted using the first secret;

step (a) comprises transmitting to the processing device the first symmetric key encrypted using the first secret; and

step (b) comprises receiving from the processing device:

said first symmetric key encrypted using a second symmetric key; and

the second symmetric key encrypted using the second secret specific to the second domain; the method further comprising:

(c) decrypting, using the second secret, the second encrypted symmetric key;

(d) decrypting, using the second symmetric key, the first encrypted symmetric key;
and

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(e) decrypting the data received by said presentation device using the first symmetric key.

2. (Cancelled).

3. (Cancelled).

4. (Currently amended) The method as claimed in claim 31, comprising, before step (a), generating a random number,

said random number being transmitted to the processing device, in step (a), with the encryption of the first symmetric key;

~~and in that~~ wherein the data received in step (b) contain a random number and the first symmetric key encrypted ~~with the aid of~~ using the second symmetric key;

step (d) also comprising ~~the decrypting, with the aid of~~ using the second symmetric key, of ~~the an~~ encrypted random number received in step (b); and

~~the method also further comprising, before step (e), a verification step to verify~~ verifying that the random number decrypted in step (d) is identical to the random number generated before step (a).

5. (Currently amended) The method as claimed in claim 1, wherein a domain identifier is contained in the data received by the presentation device and

~~in that further wherein~~ said domain identifier is transmitted to the processing device during step (a).